FIG. 1

(SEQ ID NO: 1) gegeegete eegeaggeeg tgatgeegee egegeggagg tggeeeggae egeagtgeee 60 caaqagaget ctaatggtac caagtgacag gttggettta ctgtgactcg gggacgccag 120 agetectgag aag atg tea gea ata eag gee gee tgg eea tee ggt aca 169 Met Ser Ala Ile Gln Ala Ala Trp Pro Ser Gly Thr 217 gaa tgt att gcc aag tac aac ttc cac ggc act gcc gag cag gac ctg Glu Cys Ile Ala Lys Tyr Asn Phe His Gly Thr Ala Glu Gln Asp Leu ccc ttc tgc aaa gga gac gtg ctc acc att gtg gcc gtc acc aag gac 265 Pro Phe Cys Lys Gly Asp Val Leu Thr Ile Val Ala Val Thr Lys Asp 313 ccc aac tgg tac aaa gcc aaa aac aag gtg ggc cgt gag ggc atc atc Pro Asn Trp Tyr Lys Ala Lys Asn Lys Val Gly Arg Glu Gly Ile Ile 50 cca gcc aac tac gtc cag aag cgg gag ggc gtg aag gcg ggt acc aaa Pro Ala Asn Tyr Val Gln Lys Arg Glu Gly Val Lys Ala Gly Thr Lys 361 65 ctc agc ctc atg cct tgg ttc cac ggc aag atc aca cgg gag cag gct 409 Leu Ser Leu Met Pro Trp Phe His Gly Lys Ile Thr Arg Glu Gln Ala gag cgg ctt ctg tac ccg ccg gag aca ggc ctg ttc ctg gtg cgg gag 457 Glu Arg Leu Leu Tyr Pro Pro Glu Thr Gly Leu Phe Leu Val Arg Glu 95 505 age ace aac tac eee gga gae tac acg etg tge gtg age tge gae gge Ser Thr Asn Tyr Pro Gly Asp Tyr Thr Leu Cys Val Ser Cys Asp Gly aag gtg gag cac tac cgc atc atg tac cat gcc agc aag ctc agc atc 553 Lys Val Glu His Tyr Arg Ile Met Tyr His Ala Ser Lys Leu Ser Ile 135 125 130 gac gag gag gtg tac ttt gag aac ctc atg cag ctg gtg gag cac tac 601 Asp Glu Glu Val Tyr Phe Glu Asn Leu Met Gln Leu Val Glu His Tyr 649 acc tca gac gca gat gga ctc tgt acg cgc ctc att aaa cca aag gtc Thr Ser Asp Ala Asp Gly Leu Cys Thr Arg Leu Ile Lys Pro Lys Val 165 697 atg gag ggc aca gtg gcg gcc cag gat gag .ttc tac cgc agc ggc tgg Met Glu Gly Thr Val Ala Ala Gln Asp Glu Phe Tyr Arg Ser Gly Trp 180 gcc ctg aac atg aag gag ctg aag ctg ctg cag acc atc ggg aag ggg 745 Ala Leu Asn Met Lys Glu Leu Lys Leu Leu Gln Thr Ile Gly Lys Gly 195 200

FIG. 1 cont.

														gtc Val		793
														gct Ala 235		841
														ctc Leu		889
														gag Glu		937
atg Met	gcc Ala 270	aag Lys	GJÀ āāā	agc Ser	ctt Leu	gtg Val 275	gac Asp	tac Tyr	ctg Leu	cgg Arg	tct Ser 280	agg Arg	ggt Gly	cgg Arg	tca Ser	985
gtg Val 285	ctg Leu	ggc Gly	gga Gly	gac Asp	tgt Cys 290	ctc Leu	ctc Leu	aag Lys	ttc Phe	tcg Ser 295	cta Leu	gat Asp	gtc Val	tgc Cys	gag Glu 300	1033
gcc	atg Met	gaa Glu	tac Tyr	ctg. Leu 305	gag	ggc	aac Asn	aat Asn	ttc Phe 310	gtg	cat His	cga Arg	gac Asp	ctg Leu 315	gct	1081
														agc Ser		1129
														aag Lys		1177
cca Pro	gtc Val 350	aag Lys	tgg Trp	aca Thr	gcc Ala	cct Pro 355	gag Glu	gcc Ala	ctg Leu	aga Arg	gag Glu 360	aag Lys	aaa Lys	ttc Phe	tcc Ser	1225
														atc Ile		1273
														gtc Val 395		1321
cct Pro	cgg Arg	gtg Val	gag Glu 400	aag Lys	ggc	tac Tyr	aag Lys	atg Met 405	gat Asp	gcc Ala	ccc Pro	gac Asp	ggc Gly 410	tgc Cys	ccg Pro	1369
														gcc Ala		1417

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FIG. 1 cont.

atg cgg ccc tcc ttc cta cag ctc cga gag cag ctt gag cac atc aaa Met Arg Pro Ser Phe Leu Gln Leu Arg Glu Gln Leu Glu His Ile Lys 430 440	1463
ace cac gag etg cac etg tgaeggetgg ceteegeetg ggteatggge Thr His Glu Leu His Leu 445 450	1513
ctgtggggac tgaacctgga agatcatgga cctggtgccc ctgctcactg ggcccgagcc	1573
tgaactgage eccageggge tggegggeet tttteetgeg teccageetg caceceteeg	1633
gccccgtctc tcttggaccc acctgtgggg cctggggagc ccactgaggg gccagggagg	1693
aaggaggcca cggagcggga ggcagcgccc caccacgtcg ggcttccctg gcctcccgcc	1753
actcgccttc ttagagtttt attcctttcc ttttttgaga tttttttcc gtgtgtttat	1813
tttttattat ttttcaagat aaggagaaag aaagtaccca gcaaatgggc attttacaag	1873
aagtacgaat cttatttttc ctgtcctgcc cgtgagggtg ggggggaccg ggcccctctc	1933
tagggacccc tegececage eteatteece attetgtgte ceatgteecg tgteteeteg	1993
gtcgccccgt gtttgcgctt gaccatgttg cactgtttgc atgcgcccga ggcagacgtc	2053
tgtcaggggc ttggatttcg tgtgccgctg ccaccegccc accegccttg tgagatggaa	2113
ttgtaataaa ccacgccatg aggacaccgc cgcccgcctc ggcgcttcct ccaccgaaaa	2173
aaaaaaaaaa aaaa	2187

FIG. 2

4000		170	٥,				_		. –						
		NO:		C1-	71-	77.	Φ	77	0	G3 **	Th~	Glas	Cure	Tlo	ת ז ת
1			Ile	5					10					15	
			Phe 20					25					30		
Gly	Asp	Val 35	Leu	Thr	Ile	Val	Ala 40	Val	Thr	Lys	Asp	Pro 45	Asn	Trp	Tyr
Lys	Ala 50	Lys	Asn	Lys	Val	Gly 55	Arg	Glu	Gly	Ile	Ile 60	Pro	Ala	Asn	Tyr
Val 65	Gln	Lys	Arg	Glu	Gly 70	Val	Lys	Ala	Gly	Thr 75	Lys	Leu	Ser	Leu	Met 80
	Trp	Phe	His	Gly 85	Lys	Ile	Thr	Arg	Glu 90	Gln	Ala	Glu	Arg	Leu 95	Leu
Tyr	Pro	Pro	Glu 100	Thr	Gly	Leu	Phe	Leu 105	Val	Arg	Glu	Ser	Thr 110	Asn	Tyr
Pro	Gly	Asp 115	Tyr	Thr	Leu	Суѕ	Val 120		Cys	Asp	Gly	Lys 125	Val	Glu	His
Tyr	Arg 130		Met	Tyr	His	Ala 135		Lys	Leu	Ser	Ile 140		Glu	Glu	Val
Tyr 145		Glu	Asn	Leu	Met 150		Leu	Val	Glu	His 155		Thr	Ser	Asp	Ala 160
	Gly	Leu	Суѕ	Thr 165		Leu	Ile	Lys	Pro 170		Val	Met	Glu	Gly 175	
Val	Ala	Ala	Gln 180		Glu	Phe	Tyr	Arg 185		Gly	Trp	Ala	Leu 190	Asn	Met
Lys	Glu	Leu 195	Lys	Leu	Leu	Gln	Thr 200	Ile	Gly	Lys	Gly	Glu 205	Phe	Gly	Asp
Val	Met 210	Leu	Gly	Asp	Tyr	Arg 215	Gly	Asn	Lys	Val	Ala 220	۷al	Lys	Суѕ	Ile
Lys 225	Asn	Asp	Ala	Thr	Ala 230	Gln	Ala	Phe	Leu	Ala 235	Glu	Ala	Ser	Val	Met 240
Thr	Gln	Leu	Arg	His 245	Ser	Asn	Leu	Val	Gln 250	Leu	Leu	Gly	Val	11e 255	Val
Glu	Glu	Lys	Gly 260	Gly	Leu	Tyr	Ile	Val 265	Thr	Glu	Tyr	Met	Ala 270	Lys	Gly
		275	Asp				280					285			
Asp	Cys 290	Leu	Leu	Lys	Phe	Ser 295	Leu	Asp	Val	Суѕ	Glu 300	Ala	Met	Glu	Tyr
305		_	Asn		310					315					320
			Glu	325					330					335	
			Ser 340					345					350		
		355					360					365			
	370		Phe			375					380				
385			Pro		390					395					400
Lys	Gly	Tyr	Lys	Met 405		Ala	Pro	Asp	Gly 410	Cys	Pro	Pro	Ala	Val 415	Tyr
			Lys 420		_	_		425					430		
Phe	Leu	Gln 435	Leu	Arg	Glu	Gln	Leu 440		His	Ile	Lys	Thr 445	His	Glu	Leu
His	Leu 45														

FIG. 3

(SEQ	ID agcc	NO: aa g	3) gcac	acgg	g tc	tgac	cctt	ggg	ccgg	ccc	ggag	caag	tg a	cacg	gaccg	60
gtcg	ccta	tc c	tgac	caca	g ca	aagc	ggcc	cgg	agco	cgc	ggag	ıggga	icc t	gacg	ggggc	120
gtag	gcgc	cg g	aagg	ctgg	g gg	cccc	ggag	ccg	ggcc	ggc	gtgg	cccg	ag t	tccg	gtgag	180
cgga	cggc	gg c	gcgc	gcag	a tt	tgat	a at Me	g gg t Gl	c to y Cy	c at	t aa .e Ly	a ag s Se	r Ly	a ga ⁄s Gl	a aac u Asn	234
aaa a Lys : 10	agt Ser	cca Pro	gcc Ala	att Ile	aaa Lys 15	tac Tyr	aga Arg	cct Pro	gaa Glu	aat Asn 20	act Thr	cca Pro	gag Glu	cct Pro	gtc Val 25	282
agt : Ser !	aca Thr	agt Ser	gtg Val	agc Ser 30	cat His	tat Tyr	gga Gly	gca Ala	gaa Glu 35	ccc Pro	act Thr	aca Thr	gtg Val	tca Ser 40	cca Pro	330
tgt Cys	ccg Pro	tca Ser	tct Ser 45	tca Ser	gca Ala	aag Lys	gga Gly	aca Thr 50	gca Ala	gtt Val	aat Asn	ttc Phe	agc Ser 55	agt Ser	ctt Leu	37.8
tcc Ser	atg Met	aca Thr 60	cca Pro	ttt Phe	gga Gly	gga Gly	tcc Ser 65	tca Ser	ggg Gly	gta Val	acg Thr	cct Pro 70	ttt Phe	gga Gly	ggt Gly	426
gca Ala	tct Ser 75	tcc Ser	tca Ser	ttt Phe	tca Ser	gtg Val 80	gtg Val	cca Pro	agt Ser	tca Ser	tat Tyr 85	cct Pro	gct Ala	ggt Gly	tta Leu	474
aca Thr 90	ggt Gly	ggt Gly	gtt Val	act Thr	ata Ile 95	ttt Phe	gtg Val	gcc Ala	tta Leu	tat Tyr 100	gat Asp	tat Tyr	gaa Glu	gct Ala	aga Arg 105	522
act Thr	aca Thr	gaa Glu	gac Asp	ctt Leu 110	tca Ser	ttt Phe	aag Lys	aag Lys	ggt Gly 115	gaa Glu	aga Arg	ttt Phe	caa Gln	ata Ile 120	att Ile	570
aac Asn	aat Asn	acg Thr	gaa Glu 125	gga Gly	gat Asp	tgg Trp	tgg Trp	gaa Glu 130	gca Ala	aga Arg	tca Ser	atc Ile	gct Ala 135	aca Thr	gga Gly	618
aag Lys	aat Asn	ggt Gly 140	tat Tyr	atc Ile	ccg Pro	agc Ser	aat Asn 145	tat Tyr	gta Val	gcg Ala	cct Pro	gca Ala 150	gat Asp	tcc Ser	att Ile	666
cag Gln	gca Ala 155	gaa Glu	gaa Glu	tgg Trp	tat Tyr	ttt Phe 160	Gly	aaa Lys	atg Met	Gly	aga Arg 165	aaa Lys	gat Asp	gct Ala	gaa Glu	714
aga Arg 170	tta Leu	ctt Leu	ttg Leu	aat Asn	cct Pro 175	gga Gly	aat Asn	caa Gln	cga Arg	ggt Gly 180	Ile	ttc Phe	tta Leu	gta Val	aga Arg 185	762
gag Glu	agt Ser	gaa Glu	aca Thr	act Thr 190	aaa Lys	ggt Gly	gct Ala	tat Tyr	tcc Ser 195	Leu	tct Ser	att Ile	cgt Arg	gat Asp 200	\mathtt{Trp}	810

FIG. 3 cont.

gat Asp	gag Glu	ata Ile	agg Arg 205	ggt Gly	gac Asp	aat Asn	gtg Val	aaa Lys 210	cac His	tac Tyr	aaa Lys	att Ile	agg Arg 215	aaa Lys	ctt Leu	858
gac Asp	aat Asn	ggt Gly 220	gga Gly	tac Tyr	tat Tyr	atc Ile	aca Thr 225	acc Thr	aga Arg	gca Ala	caa Gln	ttt Phe 230	gat Asp	act Thr	ctg Leu	906
cag Gln	aaa Lys 235	ttg Leu	gtg Val	aaa Lys	cac His	tac Tyr 240	aca Thr	gaa Glu	cat His	gct Ala	gat Asp 245	ggt Gly	tta Leu	tgc Cys	cac His	954
aag Lys 250	ttg Leu	aca Thr	act Thr	gtg Val	tgt Cys 255	cca Pro	act Thr	gtg Val	aaa Lys	cct Pro 260	cag Gln	act Thr	caa Gln	ggt Gly	cta Leu 265	1002
gca Ala	aaa Lys	gat Asp	gct Ala	tgg Trp 270	gaa Glu	atc Ile	cct Pro	cga Arg	gaa Glu 275	tct Ser	ttg Leu	cga Arg	cta Leu	gag Glu 280	gtt Val	1050
aaa Lys	cta Leu	gga Gly	caa Gln 285	gga Gly	tgt Cys	ttc Phe	ggc Gly	gaa Glu 290	gtg Val	tgg Trp	atg Met	gga Gly	aca Thr 295	tgg Trp	aat Asn	1098
gga Gly	acc Thr	acg Thr 300	aaa Lys	gta Val	gca Ala	atc Ile	aaa Lys 305	aca Thr	cta Leu	aaa Lys	cca Pro	ggt Gly 310	aca Thr	atg Met	atg Met	1146
cca Pro	gaa Glu 315	gct Ala	ttc Phe	ctt Leu	caa Gln	gaa Glu 320	gct Ala	cag Gln	ata Ile	atg Met	aaa Lys 325	aaa Lys	tta Leu	aga Arg	cat His	1194
gat Asp 330	aaa Lys	ctt Leu	gtt Val	cca Pro	cta Leu 335	tat Tyr	gct Ala	gtt Val	gtt Val	tct Ser 340	gaa Glu	gaa Glu	cca Pro	att Ile	tac Tyr 345	1242
att Ile	gtc Val	act Thr	gaa Glu	ttt Phe 350	atg Met	tca Ser	aaa Lys	.gga Gly	agc Ser 355	tta Leu	tta Leu	gat Asp	ttc Phe	ctt Leu 360	aag Lys	1290
gaa Glu	gga Gly	gat Asp	gga Gly 365	aag Lys	tat Tyr	ttg Leu	aag Lys	ctt Leu 370	cca Pro	cag Gln	ctg Leu	gtt Val	gat Asp 375	atg Met	gct Ala	1338
gct Ala	cag Gln	att Ile 380	Ala	gat Asp	ggt Gly	atg Met	gca Ala 385	tat Tyr	att Ile	gaa Glu	aga Arg	atg Met 390	aac Asn	tat Tyr	att Ile	1386
cac His	cga Arg 395	Asp	ctt Leu	cgg Arg	gct Ala	gct Ala 400	Asn	att Ile	ctt Leu	gta Val	gga Gly 405	gaa Glu	aat Asn	ctt Leu	gtg Val	1434
tgc Cys 410	Lys	ata Ile	gca Ala	gac Asp	ttt Phe 415	Gly	tta Leu	gca Ala	agg Arg	tta Leu 420	att Ile	gaa Glu	gac Asp	aat Asn	gaa Glu 425	1482
tac Tyr	aca Thr	gca Ala	aga Arg	caa Gln 430	ggt Gly	gca Ala	aaa Lys	ttt Phe	cca Pro 435	Ile	aaa Lys	tgg Trp	aca Thr	gct Ala 440	Pro	1530

FIG. 3 cont.

gaa Glu	gct Ala	gca Ala	ctg Leu 445	tat Tyr	ggt Gly	cgg Arg	ttt Phe	aca Thr 450	ata Ile	aag Lys	tct Ser	gat Asp	gtc Val 455	tgg Trp	tca Ser	1578
ttt Phe	gga Gly	att Ile 460	ctg Leu	caa Gln	aca Thr	gaa Glu	cta Leu 465	gta Val	aca Thr	aag Lys	Gly	cga Arg 470	gtg Val	cca Pro	tat Tyr	1626
cca Pro	ggt Gly 475	atg Met	gtg Val	aac Asn	cgt Arg	gaa Glu 480	gta Val	cta Leu	gaa Glu	caa Gln	gtg Val 485	gag Glu	cga Arg	gga Gly	tac Tyr	1674
agg Arg 490	atg Met	ccg Pro	tgc Cys	cct Pro	cag Gln 495	ggc Gly	tgt Cys	cca Pro	gaa Glu	tcc Ser 500	ctc Leu	cat His	gaa Glu	ttg Leu	atg Met 505	1722
aat Asn	ctg Leu	tgt Cys	tgg Trp	aag Lys 510	aag Lys	gac Asp	cct Pro	gat Asp	gaa Glu 515	aga Arg	cca Pro	aca Thr	ttt Phe	gaa Glu 520	tat Tyr	1770
att Ile	cag Gln	tcc Ser	ttc Phe 525	ttg Leu	gaa Glu	gac Asp	tac Tyr	ttc Phe 530	act Thr	gct Ala	aca Th <i>r</i>	gag Glu	cca Pro 535	cag Gln	tac Tyr	1818
cag Gln	cca Pro	gga Gly 540	Glu	aat Asn	tta Leu	taa	ttca	agt :	agcc [.]	tatti	tt a	tatg	caca	a		1866
atc	tgcc	aaa	atat	aaag	aa c	ttgt	gtag	a tt	ttct	acag	gaa	tcaa	aag	aaga	aaatct	1926
tct	ttac	tct	gcat	gttt	tt a	atgg	taaa	c tg	gaat	ccca	gat	atgg	ttg	caca	aaacca	1986
ctt	tttt	ttc	ccca	agta	tt a	aact	ctaa	t gt	acca	atga	tga	attt	atc	agcg	tatttc	2046
agg	gtcc	aaa	caaa	atag	ag c	taag	atac	t ga	tgac	agtg	tgg	gtga	cag	catg	gtaatg	2106
aag	gaca	gtg	aggo	tcct	ge t	tatt	tata	a at	catt	tcct	ttc	tttt	ttt	cccc	aaagtc	2166
aga	attg	ctc	aaag	aaaa	itt a	ttta	ttgt	t ac	agat	aaaa	ctt	gaga	gat	aaaa	agctat	2226
acc	ataa	taa	aato	taaa	at t	aagg	aata	t ca	tggg	acca	aat	aatt	cca	ttcc	agtttt	2286
tta	aagt	ttc	ttgc	attt	at t	atto	tcaa	a ag	tttt	ttct	aag	ttaa	aca	gtca	gtatgc	2346
aat	ctta	ata	tatg	cttt	ct t	ttgc	atgg	a ca	tggg	ccag	gtt	tttc	aaa	agga	atataa	2406
															taatgc	
															agtcct	
															tgtatg	
															ggggaa	
															ttttta	
															ccacaa	
ata	agaaa	aata	tgad	ccaga	atc a	aggga	actto	ga at	gcad	tttt	gct	cate	ggtg	aata	ıtagatg	2826

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FIG. 3 cont.

aacagagagg aaaatgtatt taaaagaaat acgagaaaag aaaatgtgaa agttttacaa 2886 gttagaggga tggaaggtaa tgtttaatgt tgatgtcatg gagtgacaga atggctttgc 2946 tggcactcag agetectcae ttagetatat tetgagaett tgaagagtta taaagtataa 3006 ctataaaact aatttttctt acacactaaa tgggtatttg ttcaaaataa tgaagttatg 3066 gcttcacatt cattgcagtg ggatatggtt tttatgtaaa acatttttag aactccagtt 3126 ttcaaatcat gtttgaatct acattcactt ttttttgttt tcttttttga gacggagtct 3186 cgctctgccg cccaggctgg agtgcagtgg cgcgatctcg gctcactgca agctctgcct 3246 cccaggttca caccattctc ctgcctcagc ctcccgagta gctgggacta caggtgccca 3306 ccaccacgcc tggctagttt tttgtatttt tagtagagac gcagtttcac cgtgttagcc 3366 aggatggtct cgatctcctg accttgtgat ctgcccgcct cggcctccca aagtgctggg 3426 attacaggtg tgagccaccg cgcccagcct acattcactt ctaaagtcta tgtaatggtg 3486 gtcatttttt cccttttaga atacattaaa tggttgattt ggggaggaaa acttattctg 3546 aatattaacg gtggtgaaaa ggggacagtt tttaccctaa agtgcaaaag tgaaacatac 3606 aaaataagac taatttttaa gagtaactca gtaatttcaa aatacagatt tgaatagcag 3666 cattagtggt ttgagtgtct agcaaaggaa aaattgatga ataaaatgaa ggtctggtgt 3726 atatgtttta aaatactctc atatagtcac actttaaatt aagccttata ttaggcccct 3786 ctattttcag gatataattc ttaactatca ttatttacct gattttaatc atcagattcg 3846 aaattotgtg coatggogta tatgttoaaa ttoaaacoat ttttaaaatg tgaagatgga 3906 cttcatgcaa gttggcagtg gttctggtac taaaaattgt ggttgttttt tctgtttacg 3966 taacctqctt agtattgaca ctctctacca agagggtctt cctaagaaga gtgctgtcat 4026 tatttcctct tatcaacaac ttgtgacatg agatttttta agggctttat gtgaactatg 4086 atattgtaat ttttctaagc atattcaaaa gggtgacaaa attacgttta tgtactaaat 4146 ctaatcagga aagtaaggca ggaaaagttg atggtattca ttaggtttta actgaatgga 4206 gcagttcctt atataataac aattgtatag tagggataaa acactaacaa tgtgtattca 4266 ttttaaattg ttctgtattt ttaaattgcc aagaaaaaca actttgtaaa tttggagata 4326 ttttccaaca gcttttcgtc ttcagtgtct taatgtggaa gttaaccctt accaaaaaag 4386 gaagttggca aaaacagcct tctagcacac ttttttaaat gaataatggt agcctaaact 4446 taatattttt ataaagtatt gtaatattgt tttgtggata attgaaataa aaagttctca 4506 4517 ttgaatgcac c

FIG. 4

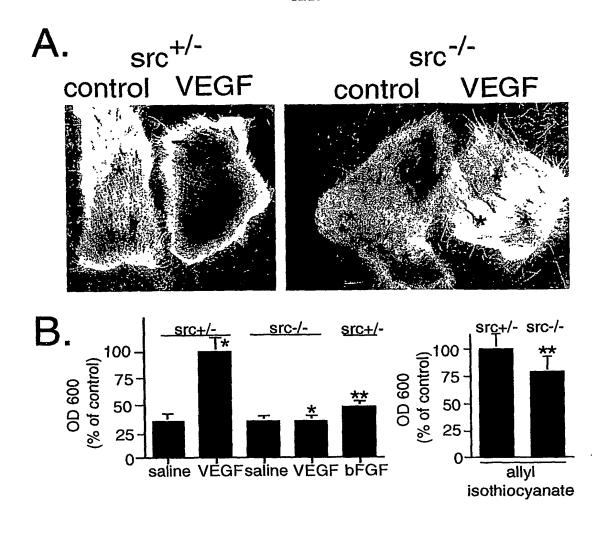
(SEQ ID NO: 4)

(552			-,												
Met 1	Gly	Cys	Ile	Lys 5	Ser	Lys	Glu	Asn	Lys 10	Ser	Pro	Ala	Ile	Lys 15	Tyr
	Pro	Glu	Asn 20	Thr	Pro	Glu	Pro	Val 25	Ser	Thr	Ser	Val	Ser 30	His	Tyr
_		35					40					45		Ala	
	50					55					60			Gly	
65		_			70					75				Ser	80
				85					90					Ile 95	
			100					105					110	Ser	
_		115					120					125		Asp	
_	130					135					140			Pro	
145	_				150					155				Tyr	160
_	_		_	165					170					Pro 175	
			180					185					190	Lys	
	_	195					200					205		Asp	
	210					215					220			Tyr His	
225					230					235				Cys	240
				245					250					255 Glu	
		_	260					265					270	Cys	
	_	275					280					285		Ala	
_	290					295					300			Gln	
305					310					315				Leu	320
				325					330					335 Met	
			340					345					350		Leu
_	_	355					360					365		Gly	
_	370					375	,				380				Ala
		TTE	. GIU	Arg	390		гтАт	116	1113	395		шса	*****	1120	400
385 Asn	Ile	Lev	Val	Gly	Glu		Leu	Val	Cys 410	Lys		Ala	Asp	Phe 415	Gly
Leu	. Ala	Arg	Leu 420	Ile		Asp	Asn	Glu 425		Thr	Ala	Arg	Gln 430	Gly	Ala

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FIG. 4 cont.

Lys	Phe	Pro 435	Ile	Lys	Trp	Thr	Ala 440	Pro	Glu	Ala	Ala	Leu 445	Tyr	Gly	Arg
Phe	Thr 450	Ile	Lys	Ser	Asp	Val 455	Trp	Ser	Phe	Gly	Ile 460	Leu	Gln	Thr	Glu
Leu 465	Val	Thr	Lys	Gly	Arg 470	Val	Pro	Tyr	Pro	Gly 475	Met	Val	Asn	Arg	Glu 480
Val	Leu	Glu	Gln	Val 485	Glu	Arg	Gly	Tyr	Arg 490	Met	Pro	Cys	Pro	Gln 495	Gly
Cys	Pro	Glu	Ser 500	Leu	His	Glu	Leu	Met 505	Asn	Leu	Cys	Trp	Lys 510	Lys	Asp
Pro	Asp	Glu 515	Arg	Pro	Thr	Phe	Glu 520	Tyr	Ile	Gln	Ser	Phe 525	Leu	Glu	Asp
Tyr	Phe 530	Thr	Ala	Thr	Glu	Pro 535	Gln	Tyr	Gln	Pro	Gly 540	Glu	Asn	Leu	





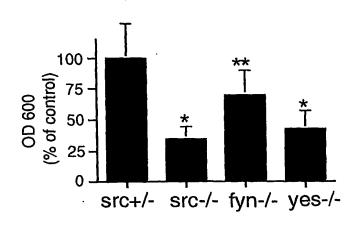


FIG. 5

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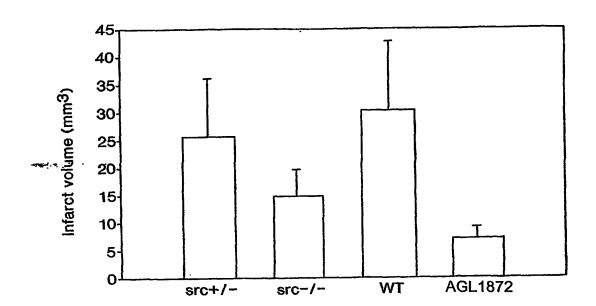
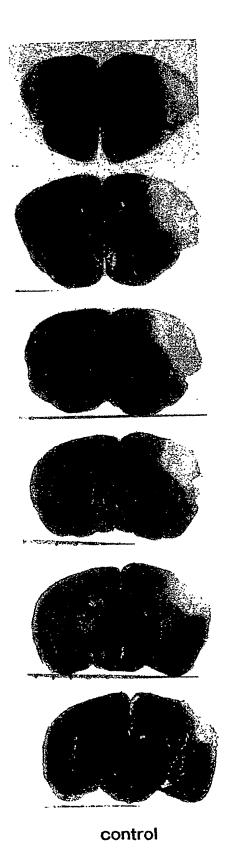
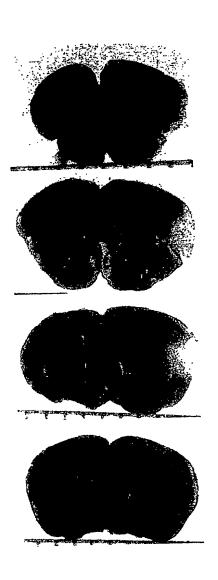


FIG. 6





AGL1872

FIG. 7

FIG. 8

$$CH_3O$$
 OH
 CH_3
 CH_3O
 CH_3
 CH_3O
 CH_3
 CH_3O
 CH_3
 CH_3O
 CH_3
 OCH_3
 OCH_3
 OCH_3
 OCH_3
 OCH_3
 OCH_3

ĊН₃

OCONH₂

FIG. 9

ĊH₃

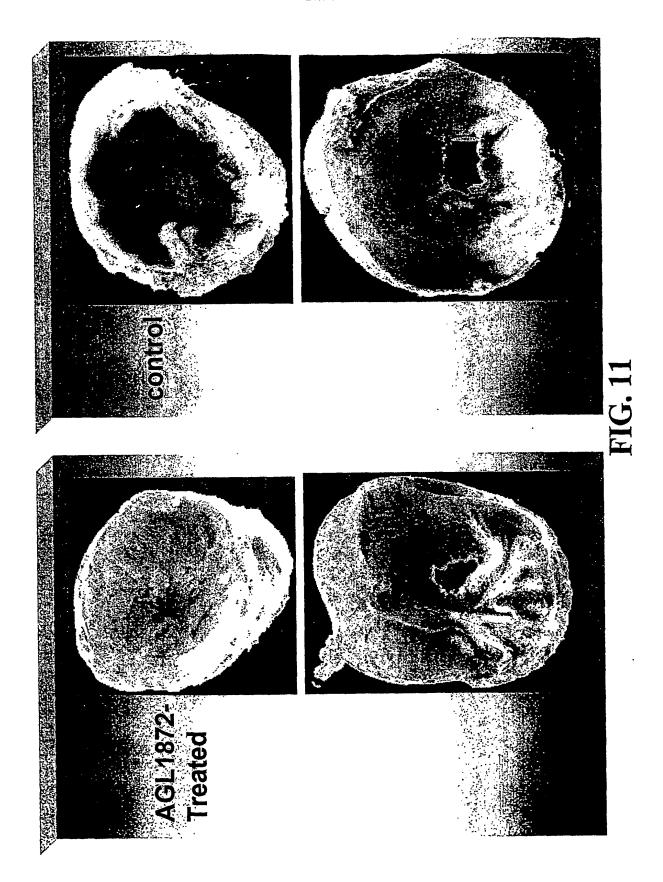
CH₃O

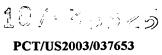
16/20

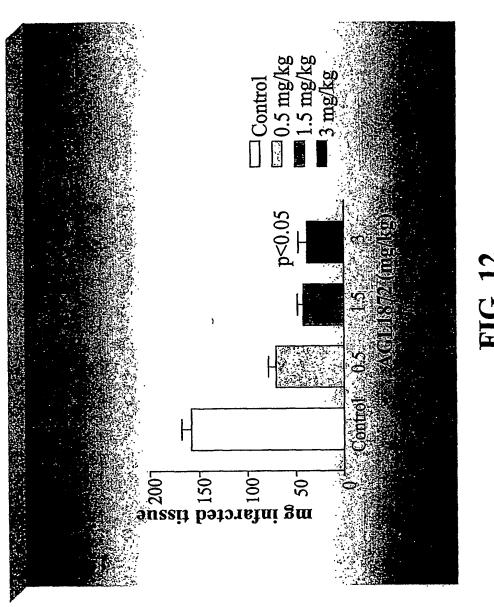
PD173955

FIG. 10









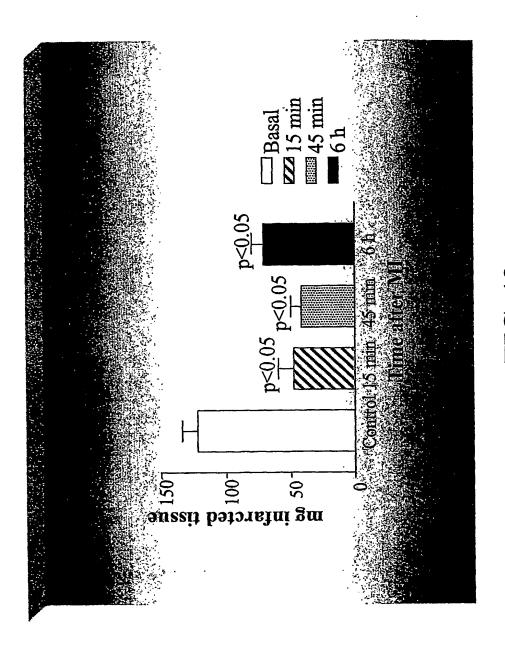
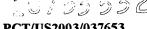
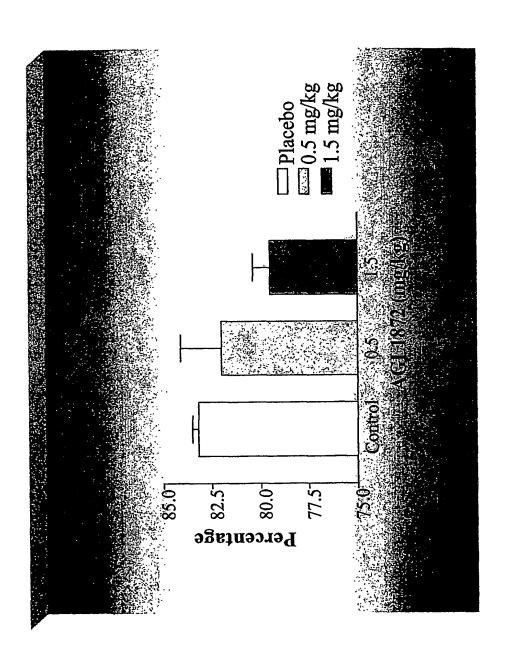


FIG. 13





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